

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A float process for manufacturing glass sheets comprising:

- pouring molten glass onto a liquid support denser than the glass;
- forming a continuous glass ribbon from the molten glass;
- advancing the continuous glass ribbon toward a downstream end; and
- continuously trimming thickened lateral edges of the glass ribbon in a forming zone at a temperature well above the softening point of the glass while said thickened lateral edges are in contact with said liquid support.

Claim 2 (Previously Presented): The process as claimed in claim 1, wherein the lateral edges are trimmed between a moment when the glass ribbon reaches its maximum width and a moment when the glass ribbon separates from the liquid support.

Claim 3 (Previously Presented): The process as claimed in claim 1, wherein the lateral edges are trimmed at a temperature above a Littleton point of the glass.

Claim 4 (Previously Presented): The process as claimed in claim 1, wherein the lateral edges are trimmed with at least one laser and/or at least one hot knife.

Claim 5 (Previously Presented): The process as claimed in claim 1, further comprising:

- directing a jet of gas toward a trimming point at a same time as trimming is being carried out.

Claim 6 (Canceled).

Claim 7 (Previously Presented): The process as claimed in claim 1, further comprising:

stretching the glass ribbon laterally over a surface of the liquid support in the forming zone;

providing continuous and flexible guiding elements made of a solid material capable of adhering to and moving with the glass ribbon;

spreading out the ribbon using two spreader fingers; and

performing the trimming step using a trimming instrument or instruments placed just after the spreader fingers.

Claim 8 (Previously Presented): The process as claimed in claim 1, wherein a speed of the ribbon is less than 10 m/min.

Claim 9 (Previously Presented): The process as claimed in any one of claims 1, 22, or 23, further comprising:

winding the glass ribbon to form a roll of glass.

Claim 10 (Previously Presented): The process as claimed in claim 1, further comprising:

chemically toughening the lateral edges of the ribbon.

Claim 11 (Currently Amended): A device comprising:

a liquid support denser than glass;

a glass pouring unit configured to pour molten glass onto said liquid support;
a glass ribbon forming unit configured to form a continuous glass ribbon from the molten glass; and

at least one trimming device placed in the forming zone configured to continuously trimming thickened lateral edges of the glass ribbon at a temperature above the softening point of the glass while said thickened lateral edges are in contact with said liquid support.

Claim 12 (Previously Presented): The device as claimed in claim 11, wherein said device has dimensions not exceeding 20 m in length and 4 m in width and produces less than 20 tons of flat glass per day.

Claim 13 (Previously Presented): A glass ribbon or film or sheet formed by the process in any one of claims 1, 22, or 23 having a thickness of less than 2 mm.

Claim 14 (Previously Presented): A glass ribbon or film or sheet formed by the process as claimed in any of claims 1, 22, or 23, wherein the lateral edges are slightly rounded or have a slight thickening and a slight rib before the rounded edge or the thickening.

Claim 15 (Previously Presented): A roll of glass formed by the process as claimed in claim 9, the glass having a thickness of less than 0.7 mm.

Claim 16 (Previously Presented): The roll of glass as claimed in claim 15, wherein a ratio of a radius of the roll of glass to the thickness of the glass is greater than 1000.

Claim 17 (Previously Presented): The roll of glass as claimed in claim 15, further comprising:

inserts between turns of said roll of glass.

Claim 18 (Previously Presented): The roll of glass as claimed in claim 15, further comprising:

chemically toughened lateral edges.

Claim 19 (Canceled).

Claim 20 (Previously Presented): The process as claimed in claim 1, wherein said temperature is at least 900 degrees Celsius.

Claim 21 (Previously Presented): The process as claimed in claim 1, wherein the glass ribbon obtained forms a film of low thickness or is cut into sheets.

Claim 22 (Previously Presented): A float process for manufacturing glass sheets comprising:

pouring molten glass onto a liquid support denser than the glass;

forming a continuous glass ribbon from the molten glass;

advancing the continuous glass ribbon toward a downstream end; and

continuously trimming thickened lateral edges of the glass ribbon in a zone where the glass has a viscosity of between 10^4 and $10^{5.5}$ poise.

Claim 23 (Currently Amended): A float process for manufacturing glass sheets comprising:

- pouring molten glass onto a liquid support denser than the glass;
- forming a continuous glass ribbon from the molten glass;
- advancing the continuous glass ribbon toward a downstream end; and
- continuously trimming thickened lateral edges of the glass ribbon just after the ribbon reaches its maximum width while said thickened lateral edges are in contact with said liquid support.

Claim 24 (Previously Presented): A film glass or sheet or ribbon obtained by the process according to any one of claims 1, 22, or 23.

Claim 25 (New): A float process for manufacturing glass sheets comprising:

- pouring molten glass onto a liquid support denser than the glass;
- forming a continuous glass ribbon from the molten glass;
- advancing the continuous glass ribbon toward a downstream end;
- continuously trimming thickened lateral edges of the glass ribbon in a forming zone at a temperature well above the softening point of the glass;
- directing a jet of gas toward a trimming point at a same time as trimming is being carried out.

Claim 26 (New): A float process for manufacturing glass sheets comprising:

- pouring molten glass onto a liquid support denser than the glass;
- forming a continuous glass ribbon from the molten glass;
- advancing the continuous glass ribbon toward a downstream end;

lifting the glass ribbon at a point where the trimming step is performed so as to break contact between the glass ribbon and the liquid support; and

continuously trimming thickened lateral edges of the glass ribbon in a forming zone at a temperature well above the softening point of the glass.

Claim 27 (New): A float process for manufacturing glass sheets comprising:

pouring molten glass onto a liquid support denser than the glass;

forming a continuous glass ribbon from the molten glass;

advancing the continuous glass ribbon toward a downstream end;

stretching the glass ribbon laterally over a surface of the liquid support in the forming zone;

providing continuous and flexible guiding elements made of a solid material capable of adhering to and moving with the glass ribbon;

spreading out the ribbon using two spreader fingers; and

continuously trimming thickened lateral edges of the glass ribbon in a forming zone at a temperature well above the softening point of the glass using a trimming instrument or instruments placed just after the spreader fingers.

Claim 28 (New): A device comprising:

a liquid support denser than glass;

a glass pouring unit configured to pour molten glass onto said liquid support;

a glass ribbon forming unit configured to form a continuous glass ribbon from the molten glass; and

at least one trimming device placed in the forming zone configured to continuously trimming thickened lateral edges of the glass ribbon at a temperature above the softening

point of the glass while said thickened lateral edges are lifted so as to break contact between the glass ribbon and the liquid support.